American Petroleum Institute
1220 L Street, NW
Washington, DC 20005

A2575-1

Weekly Statistical Bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
Vol: 74 No: 49 For Week Ending: December 3, 1993

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 12/03/93	Last Week Ending: 11/26/93	Last Year Week Ending: 12/04/92	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	14,100	13,865	13,871	235	229
Operable Capacity	15,145	15,145	15,459	0	-314
Percent Operated	93.1	91.5	89.7		
MOTOR GASOLINE					
Total Motor Gasoline Production	7,832	7,537	7,449	295	383
Total Motor Gasoline Stocks	223,189	218,489	212,791	4,700	10,398
Total Finished Gasoline Stocks	182,950	179,546	174,539	3,404	8,411
Blending Components Stocks	40,239	38,943	38,252	1,296	1,987
JET KEROSINE					
Total Jet Kerosine Production	1,344	1,357	1,352	-13	-8
Total Jet Kerosine Stocks	38,600	37,901	41,476	699	-2,876
DISTILLATE FUEL OIL					
Total Distillate Production	3,558	3,533	3,328	25	230
Total Distillate Stocks	145,666	142,087	142,427	3,579	3,239
RESIDUAL FUEL OIL					
Total Residual Fuel Production	890	817	903	73	-13
Total Residual Fuel Stocks	45,434	45,422	46,769	12	-1,335
IMPORTS					
Crude Oil Imports	7,992	6,461	6,157	1,531	1,835
Product Imports	1,988	1,314	1,833	674	155
CRUDE OIL STOCKS	339,909	334,887	324,813	5,022	15,096
CRUDE SUPPLY BALANCE	-266				

See Definitional Notes on Page 6.

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U.S. REFINERY OPERATIONS

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,510	1,294	1,298	1,442	90.0
Appal. No. 1	94	93	93	109	85.3
PADD 1 TOTAL	1,604	1,387	1,391	1,551	89.7
Week Ago	1,717	1,408	1,413	1,551	91.1
Year Ago	1,602	1,345	1,345	1,544	87.1
IN, IL, KY	2,301	2,189	2,261	2,327	97.2
MN, WI, ND, SD	360	351	351	368	95.4
OK, KS, MO	696	680	696	726	95.9
PADD 2 TOTAL	3,357	3,220	3,308	3,421	96.7
Week Ago	3,384	3,168	3,263	3,421	95.4
Year Ago	3,422	3,081	3,115	3,356	92.8
Inland TX	566	482	492	530	92.8
TX Gulf Coast	3,487	2,987	3,084	3,231	95.5
LA Gulf Coast	2,713	2,427	2,452	2,646	92.7
N. LA and AR	198	179	180	256	70.3
NM	97	91	91	95	95.8
PADD 3 TOTAL	7,061	6,166	6,299	6,758	93.2
Week Ago	6,981	6,089	6,251	6,758	92.5
Year Ago	6,837	6,167	6,229	7,138	87.3
PADD 4 TOTAL	495	462	466	519	89.8
Week Ago	468	441	447	519	86.1
Year Ago	480	475	480	514	93.4
PADD 5 TOTAL	2,776	2,611	2,636	2,896	91.0
Week Ago	2,609	2,491	2,491	2,896	86.0
Year Ago	2,870	2,557	2,702	2,907	92.9
U.S. TOTAL	15,293	13,846	14,100	15,145	93.1
Week Ago	15,159	13,597	13,865	15,145	91.5
Year Ago	15,211	13,625	13,871	15,459	89.7

See Definitional Notes on Page 6.

U.S. REFINERY OUTPUT

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosine Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	888	342	—	546	12	89	81	8	467	244	223	122
Appal. No. 1	42	—	—	42	—	—	—	—	24	13	11	3
PADD 1 TOTAL	930	342	—	588	12	89	81	8	491	257	234	125
Week Ago	950	383	—	567	—	85	75	10	553	273	280	145
Year Ago	849	*na*	*na*	*na*	9	62	*na*	*na*	451	*na*	*na*	96
IN, IL, KY	1,269	481	—	788	11	109	107	2	589	380	209	89
MN, WI, ND, SD	195	7	—	188	2	20	20	—	101	17	84	9
OK, KS, MO	365	153	—	212	4	49	49	—	203	93	110	4
PADD 2 TOTAL	1,829	641	—	1,188	17	178	176	2	893	490	403	102
Week Ago	1,805	627	—	1,178	23	210	208	2	887	432	455	117
Year Ago	1,726	*na*	*na*	*na*	5	189	*na*	*na*	829	*na*	*na*	82
Inland TX	317	28	—	289	7	38	22	16	158	142	16	6
TX Gulf Coast	1,715	298	—	1,417	9	278	269	9	752	495	257	230
LA Gulf Coast	1,418	108	—	1,310	8	309	291	18	621	275	346	146
N. LA and AR	57	—	—	57	7	3	3	—	57	22	35	10
NM	65	8	—	57	1	8	—	8	36	36	—	1
PADD 3 TOTAL	3,572	442	—	3,130	32	636	585	51	1,624	970	654	393
Week Ago	3,269	460	—	2,809	33	651	585	66	1,577	905	672	335
Year Ago	3,301	*na*	*na*	*na*	116	681	*na*	*na*	1,496	*na*	*na*	375
PADD 4 TOTAL	227	11	—	216	9	23	23	—	134	86	48	10
Week Ago	222	14	—	208	12	21	21	—	122	77	45	10
Year Ago	262	*na*	*na*	*na*	16	24	*na*	*na*	143	*na*	*na*	28
PADD 5 TOTAL	1,274	584	—	690	—	418	353	65	416	223	193	260
Week Ago	1,291	564	—	727	—	390	343	47	394	181	213	210
Year Ago	1,311	*na*	*na*	*na*	25	396	*na*	*na*	409	*na*	*na*	322
U.S. TOTAL	7,832	2,020	—	5,812	70	1,344	1,218	126	3,558	2,026	1,532	890
Week Ago	7,537	2,048	—	5,489	68	1,357	1,232	125	3,533	1,868	1,665	817
Year Ago	7,449	*na*	*na*	*na*	171	1,352	*na*	*na*	3,328	*na*	*na*	903

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS
(in thousands of 42-gallon barrels)

Vol: 74 No: 49

For Week Ending: December 3, 1993

DISTRICT	Motor Gasoline						Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
	Total	Finished Motor Gasoline				Blending Components	Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%		
		Total Finished	Finished Oxygen'd	Finished Reform'd	Other Finished								
New England	5,422	5,406	540	—	4,866	16	107	348	14,231	3,097	11,134	1,073	—
Central Atlantic	32,349	27,244	9,171	—	18,073	5,105	130	4,282	39,312	9,528	29,784	14,060	9,216
Lower Atlantic	25,256	25,035	5,186	—	19,849	221	139	4,393	15,282	7,622	7,660	2,704	570
PADD 1 TOTAL	63,027	57,685	14,897	—	42,788	5,342	376	9,023	68,825	20,247	48,578	17,837	9,786
Week Ago	63,312	58,086	13,156	—	44,930	5,226	189	9,945	67,487	19,074	48,413	18,284	10,206
Year Ago	60,471	55,147	*na*	*na*	*na*	5,324	319	11,442	67,496	*na*	*na*	19,528	11,312
PADD 2 TOTAL	57,244	49,247	816	—	48,431	7,997	758	6,695	32,767	20,352	12,415	3,423	16,189
Week Ago	54,480	46,971	775	—	46,196	7,509	716	6,581	31,450	19,131	12,319	3,212	16,412
Year Ago	58,579	49,614	*na*	*na*	*na*	8,965	756	8,792	30,936	*na*	*na*	2,457	15,254
PADD 3 TOTAL	64,915	48,070	5,001	—	43,069	16,845	1,238	14,481	29,253	14,400	14,853	16,107	45,868
Week Ago	66,274	49,137	5,930	—	43,207	17,137	1,330	13,655	28,573	12,824	15,749	15,689	46,655
Year Ago	58,799	43,580	*na*	*na*	*na*	15,219	1,740	14,866	31,562	*na*	*na*	16,088	50,801
PADD 4 TOTAL	6,281	4,662	583	—	4,079	1,619	246	441	2,894	1,792	1,102	417	2,525
Week Ago	5,469	4,058	375	—	3,683	1,411	235	431	3,026	1,863	1,163	405	2,368
Year Ago	5,722	4,282	*na*	*na*	*na*	1,440	236	605	2,554	*na*	*na*	432	2,185
PADD 5 TOTAL	31,722	23,286	8,830	—	14,456	8,436	275	7,960	11,927	7,063	4,864	7,650	20,850
Week Ago	28,954	21,294	7,885	—	13,409	7,660	355	7,289	11,551	7,142	4,409	7,832	21,082
Year Ago	29,220	21,916	*na*	*na*	*na*	7,304	1,332	5,771	9,879	*na*	*na*	8,264	23,526
U.S. TOTAL	223,189	182,950	30,127	—	152,823	40,239	2,893	38,600	145,666	63,854	81,812	45,434	95,218
Week Ago	218,489	179,546	28,121	—	151,425	38,943	2,825	37,901	142,087	60,034	82,053	45,422	96,723
Year Ago	212,791	174,539	*na*	*na*	*na*	38,252	4,383	41,476	142,427	*na*	*na*	46,769	103,078

See Definitional Notes on Page 6.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)

(daily averages in thousands of 42-gallon barrels)

DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: December 3, 1993	4,312.0	7,923	940
Week Ended: November 26, 1993	4,312.0	6,221	644
Week Ended: November 19, 1993	4,312.0	6,774	923
Week Ended: December 4, 1992	4,347.0	5,996	824
DOE latest (07/93):	4,288.0		
PADD 5			
Week Ended: December 3, 1993	2,598.0	69	10
Week Ended: November 26, 1993	2,598.0	240	101
Week Ended: November 19, 1993	2,598.0	212	108
Week Ended: December 4, 1992	2,650.0	161	40
DOE latest (07/93):	2,391.0		
TOTAL U.S.			
Week Ended: December 3, 1993	6,910.0	7,992	950
Week Ended: November 26, 1993	6,910.0	6,461	745
Week Ended: November 19, 1993	6,910.0	6,986	1,031
Week Ended: December 4, 1992	6,997.0	6,157	864
DOE monthly - year ago	7,103.0		
DOE latest (07/93):	6,679.0		

CRUDE OIL STOCKS BY LOCATION

(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5		TOTAL
					TOTAL	ALASKAN IN TRANSIT BY WATER	
Current Week	14,791	75,023	170,035	10,496	69,564	16,553	339,909
Week Ago	13,549	75,453	168,011	10,919	66,955	14,427	334,887
Year Ago	13,529	71,309	159,466	11,104	69,405	16,567	324,813

Daily Average Crude Oil Supply Balance (in Thousands of 42-gallon barrels)	
Current Week:	-266
1992 Average:	282
1992 Positive Average:	511
1992 Negative Average:	-479

See Definitional Notes on Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%					
New England	65	—	—	65	—	—	5	56	4	52	88	—	—	—	214
Central Atlantic	118	—	—	118	19	26	82	120	86	34	195	12	257	2	831
Lower Atlantic	15	—	—	15	—	—	11	11	11	—	51	—	—	—	88
PADD 1 TOTAL	198	—	—	198	19	26	98	187	101	86	334	12	257	2	1,133
week ago	83	—	—	83	12	—	78	180	68	112	119	9	33	71	585
4 Week averages															
avg - current 4 weeks	167	—	—	167	27	7	73	160	63	97	253	12	115	41	855
avg - year ago 4 weeks	214	*na*	*na*	*na*	42	4	91	195	*na*	*na*	364	19	161	50	1,140
PADDs 2-4 TOTAL	3	—	—	3	—	—	2	17	17	—	8	144	362	211	747
week ago	1	—	—	1	—	—	1	4	2	2	2	104	450	127	689
4 Week averages															
avg - current 4 weeks	2	—	—	2	6	—	1	17	15	2	6	168	397	129	726
avg - year ago 4 weeks	3	*na*	*na*	*na*	18	3	—	10	*na*	*na*	56	113	207	166	576
PADD 5 TOTAL	3	—	—	3	—	—	5	5	—	5	7	5	34	49	108
week ago	11	—	—	11	—	—	1	4	—	4	7	6	6	5	40
4 Week averages															
avg - current 4 weeks	7	—	—	7	—	—	12	4	—	4	25	5	13	21	87
avg - year ago 4 weeks	4	*na*	*na*	*na*	4	—	3	4	*na*	*na*	16	7	42	7	87
U.S. TOTAL	204	—	—	204	19	26	105	209	118	91	349	161	653	262	1,988
week ago	95	—	—	95	12	—	80	188	70	118	128	119	489	203	1,314
4 Week averages															
avg - current 4 weeks	176	—	—	176	33	7	86	181	78	103	283	185	525	190	1,666
avg - year ago 4 weeks	221	*na*	*na*	*na*	64	7	94	208	*na*	*na*	435	139	409	224	1,801

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S *WEEKLY STATISTICAL BULLETIN*

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

1)	New England	ME, NH, VT, MA, RI, and CT
2)	Central Atlantic	NY, NJ, PA, DE, MD, and DC
3)	Lower Atlantic	VA, WV, NC, SC, GA, and FL